Declaration of Performance

No. 022 09032017

RIBBON 2 COL 500MM

Unique Product Code:	**TBK132/133**
Type, batch or serial number:	**TBK132/133-500**
Intended use of the construction product:	Heat emitters for central heating systems to be supplied with hot water or steam below 120°C from a remote heat source.
Manufacturer:	Jig UK Ltd, Hurlingham Business Park, Fulbeck Heath, Grantham NG32 3HL
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA, Bracknell, Berkshire, RG12 7AH (0480)
Test report number:	**52649A5AR**

Declared Performance

Essential Characteristics	Performance	Harmonized Technical Specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure [kPa]	
Surface temperature	Maximum 120°C	
Resistance to pressure	No breakage at 1.69 x maximum operating pressure [kPa]. Maximum operating pressure: 550 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\Phi = Km \cdot \Delta T^n$ See appendix for factor Km and exponent n	
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact	Class 0	

Signed for and on behalf of the manufacturer by:

Brian Athey
Managing Director
Dated: 11/11/2026

APPENDIX 1 - Dimensions and Thermal Outputs

SKU	Sections	Length (inc. bushes)	BTU's (ΔT 30°)	Watts (ΔT 30°)	BTU's (ΔT 50°)	Watts (ΔT 50°)	Factor, Km	Exponent, n
TBK132/133-500-03	3	235mm	372	109	686	201	1.90404	1.1894
TBK132/133-500-04	4	302mm	495	145	914	268	2.53872	1.1894
TBK132/133-500-05	5	369mm	618	181	1143	335	3.1734	1.1894
TBK132/133-500-06	6	436mm	744	218	1372	402	3.80808	1.1894
TBK132/133-500-07	7	503mm	867	254	1600	469	4.44276	1.1894
TBK132/133-500-08	8	570mm	990	290	1829	536	5.07744	1.1894
TBK132/133-500-09	9	637mm	1112	326	2058	603	5.71212	1.1894
TBK132/133-500-10	10	704mm	1239	363	2286	670	6.3468	1.1894
TBK132/133-500-11	11	771mm	1361	399	2515	737	6.98148	1.1894
TBK132/133-500-12	12	838mm	1484	435	2743	804	7.61616	1.1894
TBK132/133-500-13	13	905mm	1611	472	2972	871	8.25084	1.1894
TBK132/133-500-14	14	972mm	1733	508	3201	938	8.88552	1.1894
TBK132/133-500-15	15	1039mm	1856	544	3429	1005	9.5202	1.1894
TBK132/133-500-16	16	1106mm	1979	580	3658	1072	10.15488	1.1894
TBK132/133-500-17	17	1173mm	2105	617	3886	1139	10.78956	1.1894
TBK132/133-500-18	18	1240mm	2228	653	4115	1206	11.42424	1.1894
TBK132/133-500-19	19	1307mm	2351	689	4344	1273	12.05892	1.1894
TBK132/133-500-20	20	1374mm	2474	725	4572	1340	12.6936	1.1894
TBK132/133-500-21	21	1441mm	2600	762	4801	1407	13.32828	1.1894
TBK132/133-500-22	22	1508mm	2723	798	5029	1474	13.96296	1.1894
TBK132/133-500-23	23	1575mm	2846	834	5258	1541	14.59764	1.1894
TBK132/133-500-24	24	1642mm	2969	870	5487	1608	15.23232	1.1894
TBK132/133-500-25	25	1709mm	3095	907	5715	1675	15.867	1.1894
TBK132/133-500-26	26	1776mm	3218	943	5944	1742	16.50168	1.1894
TBK132/133-500-27	27	1843mm	3340	979	6173	1809	17.13636	1.1894
TBK132/133-500-28	28	1910mm	3467	1016	6401	1876	17.77104	1.1894
TBK132/133-500-29	29	1977mm	3590	1052	6630	1943	18.40572	1.1894
TBK132/133-500-30	30	2044mm	3712	1088	6858	2010	19.0404	1.1894